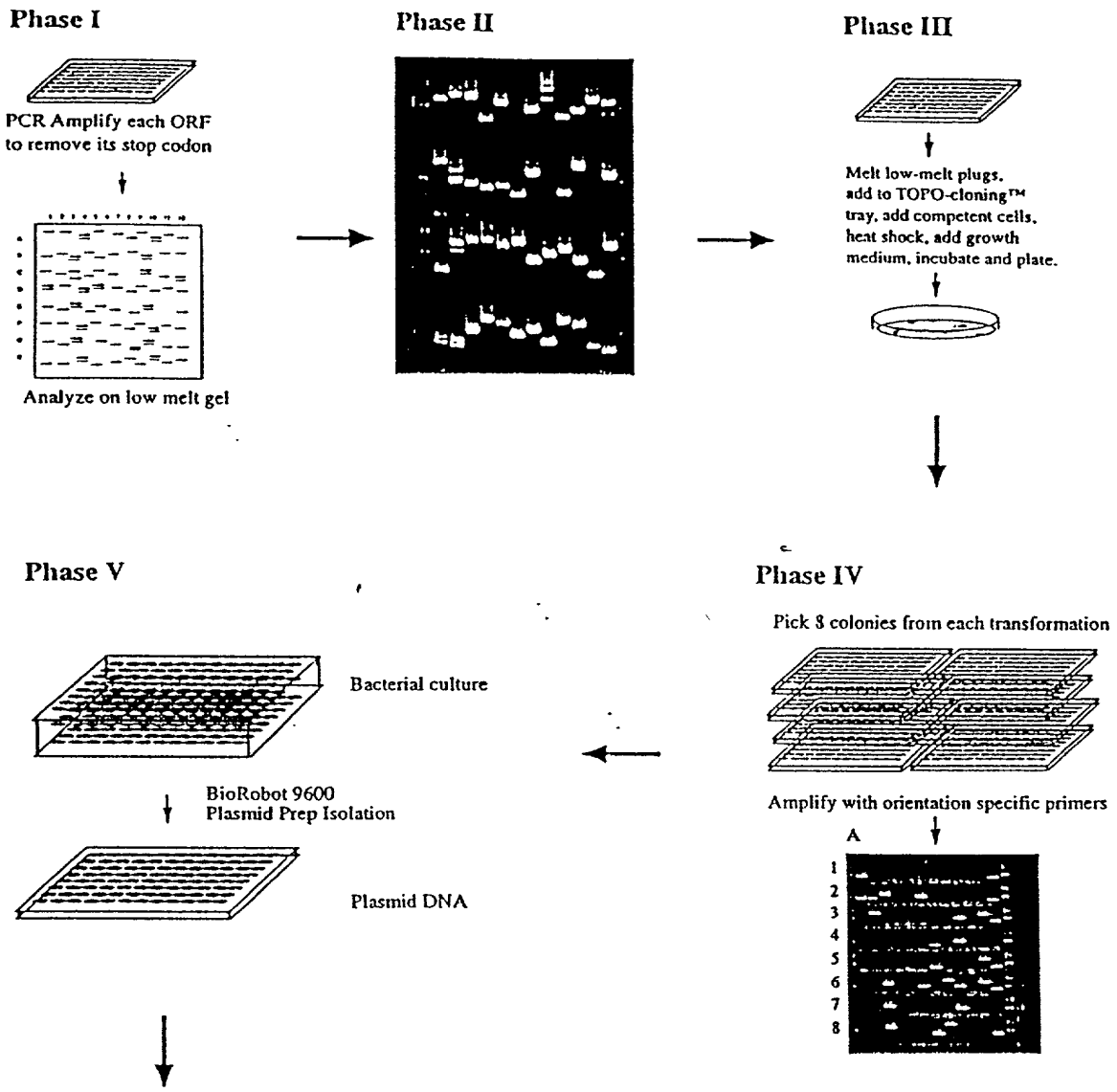
Phase I
PCR Amplify each ORF to remove its stop codon
Analyze on low melt gel
Phase II
Phase III
Melt low-melt plugs, add to TOPO-cloning™ tray, add competent cells, heat shock, add growth medium, incubate and plate.
Phase IV
Pick 8 colonies from each transformation
Amplify with orientation specific primers
A
1
2
3
4
5
6
7
8
Phase V
Bacterial culture
BioRobot 9600
Plasmid Prep Isolation
Plasmid DNA

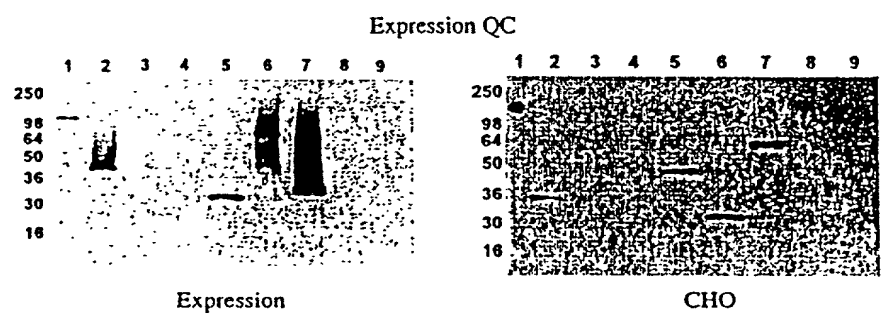
Phase VI
Expression QC
1 2 3 4 5 6 7 8 9
250
98
64
50
36
30
16
Expression
CHO

Figure 1